

Amendments to the Claims:

Please cancel claims 1-13:

Please add new claims 14-26 as indicated in the listing of claims below.

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-13 (cancelled)

Claim 14 (new): A compressor, comprising:

a safety device for limiting high pressure, wherein the safety device is hermetically sealed until a first response, and wherein the safety device allows a slow release of system pressure after the first response.

Claim 15 (new): The compressor as recited in claim 14, wherein the safety device includes a rupture disk and a pressure relief valve.

Claim 16 (new): The compressor as recited in claim 15, wherein the rupture disk and the pressure relief valve are arranged in series.

Claim 17 (new): The compressor as recited in claim 16, further comprising an exhaust chamber, and wherein the rupture disk is pressurized on one side with high pressure from the exhaust chamber and on the other side with atmospheric pressure.

Claim 18 (new): The compressor as recited in claim 16, wherein the pressure relief valve is configured downstream of the rupture disk from a high pressure side.

Claim 19 (new): The compressor as recited in claim 15, wherein the pressure relief valve is configured to open at a lower opening pressure than a bursting pressure of the rupture disk.

Claim 20 (new): The compressor as recited in claim 15, wherein the pressure relief valve is configured to vent a refrigerant of the compressor to the atmosphere.

Claim 21 (new): The compressor as recited in claim 15, wherein the pressure relief valve has a defined leakage and wherein the rupture disk is hermetically sealed.

Claim 22 (new): The compressor as recited in claim 21, further comprising a space between the pressure relief valve and the rupture disk, and wherein the defined leakage is sufficient to prevent a pressure build up in the space when the rupture disk is intact.

Claim 23 (new): The compressor as recited in claim 21, wherein the pressure relief valve includes a valve seat and a valve piston, wherein at least one of the valve seat and the valve piston includes a porous material so as to realize the defined leakage.

Claim 24 (new): The compressor as recited in claim 21, wherein the pressure relief valve comprises a valve seat, a valve piston, and further comprises at least one of a bypass groove, a bypass bore, and surface roughness or regularity at one of the valve seat and valve piston for realizing the define leakage.

Claim 25 (new): The compressor as recited in claim 21, wherein the pressure relief valve comprises a valve seat, a valve piston, and further an elastomer seal that is permeable to refrigerant at one of the valve seat and the valve piston, the elastomer seal configured to realize the defined leakage.

Claim 26 (new): The compressor as recited in claim 15, wherein the pressure relief valve is configured to slowly release a residual refrigerant of the compressor through a predefined leak in response to the pressure in the air-conditioning system dropping below a set pressure.

Claim 27 (new): The compressor as recited in claim 14, wherein the compressor of a compressor for an air-conditioning system of a motor vehicle.

Claim 28 (new): A safety device for a compressor in an air-conditioning system of a motor vehicle, the safety device comprising:

a rupture disk in contact with a refrigerant of the air-conditioning system and configured to rupture when a pressure of the refrigerant exceeds a first predetermined pressure; and

a pressure valve disposed in a closed position downstream of the rupture disk, and configured to open at a second predetermined pressure lower than the first predetermined pressure so as to release refrigerant in the event of a rupture of the rupture disk, a predetermined leak being associated with the pressure valve in the closed position so as to allow atmospheric pressure to contact a downstream side of the rupture disk when the rupture disk is intact and to allow a slow leak of the refrigerant when the rupture disk is ruptured and when the pressure of the refrigerant is below the second predetermined pressure.